FDWS86368_F085

FDWS86368_F085 Information

For Reference Only

Part Number FDWS86368_F085
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single
Description MOSFET NCH 80V 80A POWER56
Package 8-PowerTDFN

For the pricing/inventory/lead time, please contact us
Website: https://www.heisener.com
E-mail: salesdept@heisener.com

Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.

FDWS86368_F085 Specifications

Manufacturer Part Number	FDWS86368_F085
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	8-PowerTDFN
Series	Automotive, AEC-Q101, PowerTrench?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	80V
Current - Continuous Drain (Id) @ 25°C	80A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	75nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	4350pF @ 40V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	214W (Tj)
Rds On (Max) @ Id, Vgs	4.5 mOhm @ 80A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	Power56
Package / Case	8-PowerTDFN
	Report errors?

FDWS86368_F085 Guarantees

Quality Guarantees
We provide 90 days warranty. *
If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

Service Guarantees
We guarantee 100% customer satisfaction.
Our experienced sales team and tech support team back our services to satisfy all our customers.

FDWS86368_F085 Payment Methods

FDWS86368_F085 Shipping Methods

If you have any question about FDWS86368_F085, please do not hesitate to contact us!
Website: https://www.heisener.com
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